

REMARKS/ARGUMENTS

Claims 1-18 now remain in this application. Claims 11, 12, 16, and 17 have been amended.

Claims 11-13, 16 and 17 were rejected under 35 U.S.C. 112.

Applicants gratefully acknowledge the Examiner's indication of the allowability of the subject matter of Claims 1-18.

Claim Rejections - 35 USC § 112

Claims 11-13, 16 and 17 were rejected under 35 U.S.C. 112, second paragraph.

Claim 11 has been amended to substitute the phrase "a factor of 100" in place of the phrase "two orders of magnitude". Claims 12 and 16 have been amended to substitute the phrase "a factor of ten" in place of the phrase "an order of magnitude". Claim 17 has been corrected by substituting the phrase "less than" in place of "on the order of".

It is felt that the foregoing changes resolve the issues raised by the Examiner.

With regard to the Examiner's remarks pertaining to Claim 17, there is really no contradiction. This is because the phrase in Claim 16 (for example) "does not exceed said output impedance...by more than..." means that it does exceed the RF operational output impedance but only by a limited amount.

As for the dependency of Claim 12 on Claim 11, Claim 12 simply narrows the limitation of Claim 11 from "less than a factor of 100" to "less than a factor of ten".

With regard to the Examiner's question about Claim 13 not satisfying the condition of Claim 11 or 12, no matter what the actual value of the power amplifier active output resistor in Claim 13, Claims 11 and 12 merely set forth a range of proportionality, so there can be no conflict.

Allowable Subject Matter

Claims 1-18 would be allowable if rewritten to overcome the rejections under 35 USC 112, 2nd paragraph.

It is respectfully submitted that claims 1-18 are now allowable in view of the amendments made to Claims 11, 12, 16, and 17 to overcome the rejections under 35 USC 112, second paragraph.

SUMMARY

In view of the foregoing amendments and remarks, it is felt that the rejections under 35 U.S.C. 112, second paragraph, have been overcome. Therefore, withdrawal of these rejections is respectfully requested and allowance of the application is earnestly solicited.

If, however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, the Examiner should telephone Robert Wallace at (805) 644-4035 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,



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